

Title (en)

Substituted, nucleoside derivatives, methods for their preparation and pharmaceutical compositions containing them

Title (de)

Substituierte Nukleosidderivate, Verfahren zu ihrer Herstellung und sie enthaltende pharmazeutische Zusammensetzungen

Title (fr)

Dérivés substitués de nucléosides, leurs méthodes de préparation et compositions pharmaceutiques les contenant

Publication

EP 0530407 B1 19960605 (EN)

Application

EP 91202259 A 19910904

Priority

EP 91202259 A 19910904

Abstract (en)

[origin: EP0530407A1] The invention relates to substituted nucleoside derivatives, their chemical synthesis and antivirally active pharmaceutical compositions containing said derivatives. It has been found that this novel class of substituted derivatives displays a selective inhibiting effect on HIV-1. The most preferred compounds are {1-[2', 5'-bis-O-(tert-butyldimethylsilyl)- beta -D-ribofuranosyl]-3-N-methyl-thymine}-3'-spiro-5"-{4"-amino-1",2"- oxathiole-2", 2-dioxide) and {1-[2', 5'-Bis-O-(tert-butyldimethylsilyl)- beta -D-ribofuranosyl]-3-N-ethyl-thymine}-3'-spiro-5"-{4"-amino-1", 2"-oxathiole-2", 2"-dioxide}.

IPC 1-7

C07H 19/04; A61K 31/70

IPC 8 full level

A61K 31/70 (2006.01); **A61K 31/7042** (2006.01); **A61K 31/7052** (2006.01); **A61K 31/7056** (2006.01); **A61K 31/7064** (2006.01); **A61K 31/7068** (2006.01); **A61K 31/7072** (2006.01); **A61K 31/7076** (2006.01); **A61K 31/708** (2006.01); **A61P 31/12** (2006.01); **A61P 31/18** (2006.01); **C07D 473/00** (2006.01); **C07H 19/04** (2006.01); **C07H 19/052** (2006.01); **C07H 19/056** (2006.01); **C07H 19/06** (2006.01); **C07H 19/16** (2006.01); **C07H 19/23** (2006.01)

CPC (source: EP US)

A61P 31/12 (2017.12 - EP); **A61P 31/18** (2017.12 - EP); **C07D 473/00** (2013.01 - EP US); **C07H 19/04** (2013.01 - EP US)

Cited by

US5968910A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0530407 A1 19930310; EP 0530407 B1 19960605; AT E138928 T1 19960615; CA 2077466 A1 19930305; DE 69120069 D1 19960711; DE 69120069 T2 19961002; DK 0530407 T3 19960729; ES 2087962 T3 19960801; GR 3020783 T3 19961130; JP H0692986 A 19940405; US 5527900 A 19960618

DOCDB simple family (application)

EP 91202259 A 19910904; AT 91202259 T 19910904; CA 2077466 A 19920903; DE 69120069 T 19910904; DK 91202259 T 19910904; ES 91202259 T 19910904; GR 960402162 T 19960814; JP 23702892 A 19920904; US 93941092 A 19920903